

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit	:	1793	Customer No.:	035811
Examiner	:	Caitlin Anne Fogarty		
Serial No.	:	10/578,525		
Filed	:	May 8, 2006		
Inventors	:	Taro Kizu	Docket No.:	SUG-06-1107
	:	Kaneharu Okuda		
	:	Toshiaki Urabe	Confirmation No.:	1361
	:	Hiromi Yoshida		
	:	Yoshihiro Hosoya		
Title	:	HIGH-STIFFNESS HIGH-STRENGTH		
	:	THIN STEEL SHEET AND METHOD		
	:	FOR PRODUCING THE SAME		

---

**TERMINAL DISCLAIMER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Your Petitioner, T. Daniel Christenbury, represents that he is patent counsel for JFE Steel Corporation, which is the owner of the entire interest in the above Application Serial No. 10/578,525, filed May 8, 2006 for HIGH-STIFFNESS HIGH-STRENGTH THIN STEEL SHEET AND METHOD FOR PRODUCING THE SAME, as evidenced by an Assignment recorded at Reel 019067, Frame 0296 of the U.S Patent and Trademark Office records, and is also the owner of U.S. Patent Application No. 10/578,524, filed May 8, 2006 for HIGH-STIFFNESS HIGH-STRENGTH THIN STEEL SHEET AND METHOD FOR PRODUCING THE SAME as evidenced by an Assignment recorded at Reel 019073, Frame 0358 of the U.S. Patent and Trademark Office records, convenience copies of which are attached. Your petitioner has reviewed the relevant documentary evidence and certifies to the best of his knowledge and belief, that title is in JFE Steel Corporation.

Your Petitioner, on behalf of the patent owner, hereby disclaims the terminal part of any patent to be issued on said application Serial No. 10/578,525 which would extend beyond the expiration date of a patent issuing from U.S. Patent Application No. 10/578,524 and hereby agrees that any patent so granted on the above-identified application shall be enforceable only during such period that the legal title to said application shall be the same as the legal title to a patent issuing from U.S. Patent Application No. 10/578,524, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors or assigns.

Your Petitioner does not disclaim any earlier than the expiration date presently shortened by this Terminal Disclaimer, even in the event that the patent issuing from said Patent No. 10/578,524 earlier expires for other reasons, such as failure to pay a maintenance fee, invalidity or unenforceability, or is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. §1.321(a), or has all claims canceled by a reexamination certificate, or is otherwise wholly or partially terminated prior to the expiration of its term. If any part of this paragraph should be held to render this Terminal Disclaimer ineffective, then that part shall be deemed to be of no effect.

Respectfully submitted,

JFE Steel Corporation

Date: 4/09/2008

By:

  
T. Daniel Christenbury, Patent Counsel

T DANIEL CHRISTENBURY COMPTON: ONE LIBERTY PLACE



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 27, 2007

PTAS

\*500246684A\*

\*500246684A\*

T. DANIEL CHRISTENBURY  
ONE LIBERTY PLACE  
1650 MARKET STREET, SUITE 4900  
PHILADELPHIA, PA 19103

RECEIVED

MAR 27 2007

(P DEPT)

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/27/2007

REEL/FRAME: 019067/0296

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: SUG-06-1107

ASSIGNEE:	
KIZU, TARO	DOC DATE: 04/06/2006
ASSIGNEE:	
OKUDA, KANEHARU	DOC DATE: 04/06/2006
ASSIGNEE:	
URABE, TOSHIAKI	DOC DATE: 04/06/2006
ASSIGNEE:	
YOSHIDA, HIROMI	DOC DATE: 04/06/2006
ASSIGNEE:	
HOSOYA, YOSHIHIRO	DOC DATE: 04/06/2006

RE: T DANIEL CHRISTENBURY COMPANY:ONE LIBERTY PLACE

019067/0296 PAGE 2

## ASSIGNEE:

JFE STEEL CORPORATION  
2-3, UCHISAIWAI-CHO 2-CHOME  
CHIYODA-KU, TOKYO, JAPAN 1000011

SERIAL NUMBER: 10578525

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: HIGH-STIFFNESS HIGH-STRENGTH THIN STEEL SHEET AND METHOD FOR  
PRODUCING THE SAME

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

2003.2.26.9:15

ASSIGNMENT

WHEREAS, we, Taro KIZU, Kaneharu OKUDA, Toshiaki URABE, Hiromi YOSHIDA and Yoshihiro HOSOYA citizens of Japan, residing at c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 1000011, Japan

respectively, (hereinafter referred to as "the undersigned"), having made an invention entitled

HIGH-STIFFNESS HIGH-STRENGTH THIN STEEL SHEET AND METHOD FOR PRODUCING THE SAME

for which on the date set forth below, unless otherwise indicated here, \_\_\_\_\_, the undersigned executed an application for United States Letters Patent,

WHEREAS, JFE STEEL CORPORATION, with offices at 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 1000011, Japan

(hereinafter referred to as "assignee"), is desirous of acquiring the entire right, title and interest in said invention, said application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said patent application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on April 6, 2006 at Tokyo, Japan.

Taro Kizu

Taro KIZU

Kaneharu Okuda

Kaneharu OKUDA

Toshiaki Urabe

Toshiaki URABE

Hiromi Yoshida

Hiromi YOSHIDA

Yoshihiro Hosoya

Yoshihiro HOSOYA

Yonko Konda

Witness



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 28, 2007

PTAS

\*500247505A\*

T. DANIEL CHRISTENBURY  
ONE LIBERTY PLACE  
1650 MARKET STREET, SUITE 4900  
PHILADELPHIA, PA 19103

500247505A

RECEIVED

MAR 28 2007

IP DEPT.

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/28/2007

REEL/FRAME: 019073/0358

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: SUG-06-1106

ASSIGNOR: KIZU, TARO	DOC DATE: 04/06/2006
ASSIGNOR: OKUDA, KANEHARU	DOC DATE: 04/06/2006
ASSIGNOR: URABE, TOSHIAKI	DOC DATE: 04/06/2006
ASSIGNOR: YOSHIDA, HIROMI	DOC DATE: 04/06/2006
ASSIGNOR: HOSOYA, YOSHIHIRO	DOC DATE: 04/06/2006

019073/0358 PAGE 2

ASSIGNEE:

JFE STEEL CORPORATION  
2-3, UCHISAIWAI-CHO 2-CHOME  
CHIYODA-KU, TOKYO, JAPAN 1000011

SERIAL NUMBER: 10578524

FILING DATE: 05/08/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: HIGH-STIFFNESS HIGH-STRENGTH THIN STEEL SHEET AND METHOD FOR  
PRODUCING THE SAME

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

米國 諸國

2005.06.21 US

ASSIGNMENT

WHEREAS, we, Taro KIZU, Kaneharu OKUDA, Toshiaki URABE, Hiromi YOSHIDA and Yoshihiro HOSOYA citizens of Japan, residing at c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 1000011, Japan

respectively, (hereinafter referred to as "the undersigned"), having made an invention entitled

HIGH-STIFFNESS HIGH-STRENGTH THIN STEEL SHEET AND METHOD FOR PRODUCING THE SAME

for which on the date set forth below, unless otherwise indicated here, \_\_\_\_\_, the undersigned executed an application for United States Letters Patent,

WHEREAS, JFE STEEL CORPORATION, with offices at 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 1000011, Japan

(hereinafter referred to as "assignee"), is desirous of acquiring the entire right, title and interest in said invention, said application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America; its territories and possessions, and for all foreign countries, in said invention, including said patent application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on 6th day of April, 2006, at Tokyo, Japan

*Taro Kizu*

Taro KIZU

*Kaneharu Okuda*

Kaneharu OKUDA

*Toshiaki Urade*

Toshiaki URADE

*Hiromi Ushida*

Hiromi YOSHEDA

*Yoshihiro Hosoya*

Yoshihiro HOSOYA

*Yoriko Konda*

Witness